

Title (en)
TRANSPONDER BASED POSITIONING SYSTEM

Publication
EP 0242983 A3 19890125 (EN)

Application
EP 87302361 A 19870319

Priority
US 85422686 A 19860421

Abstract (en)
[origin: EP0242983A2] Apparatus for establishing a reference coordinate grid in the system memory aboard a vehicle to be operated in conjunction with an array of transponders (1, 2, 3, 4) in a transponder positioning system. A 'smart' transponder (1) provides coded signals to access all transponders. An interrogation code is used in a direct mode to measure distances (R1, R3) between the smart transponder (1) and individual adjacent transponders (2, 4) while a relay code is used in a relay mode to measure distances (R2, R4, R5, R6) between pairs of remote transponders.

IPC 1-7
G01S 13/87

IPC 8 full level
G01S 13/76 (2006.01); **G01S 13/75** (2006.01); **G01S 13/79** (2006.01); **G01S 13/87** (2006.01)

CPC (source: EP)
G01S 13/876 (2013.01)

Citation (search report)
• [X] GB 1429350 A 19760324 - FRANCE ETAT DEFENSE
• [Y] GB 1403879 A 19750828 - STANDARD TELEPHONES CABLES LTD
• [A] US 2891246 A 19590616 - REED JR JOHN C
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